

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070919AL\  
 Data File : FC042276.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Jul 2019 7:19  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 10 08:22:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070919.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 07:02:35 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.692 | 2606928    | 20.227 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.45%       |
| 12) S 1-chlorooctadecane (S... | 13.116 | 2154322    | 20.134 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.492  | 2307465    | 20.284 ug/ml |
| 2) T n-Decane (C10)            | 4.556  | 2338515    | 20.280 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.141  | 2582234    | 20.301 ug/ml |
| 4) T n-Dodecane (C12)          | 6.560  | 2343587    | 20.291 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.190  | 2571159    | 20.110 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.343  | 2350964    | 20.269 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.934  | 2366673    | 20.228 ug/ml |
| 8) T n-Octadecane (C18)        | 11.369 | 2400336    | 20.168 ug/ml |
| 10) T n-Eicosane (C20)         | 12.672 | 2445615    | 20.149 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.281 | 2452262    | 20.124 ug/ml |
| 13) T n-Docosane (C22)         | 13.865 | 2458554    | 20.133 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.962 | 2476588    | 20.075 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.979 | 2476968    | 20.139 ug/ml |
| 16) T n-Octacosane (C28)       | 16.925 | 2472913    | 20.162 ug/ml |
| 17) T n-Tricontane (C30)       | 17.810 | 2407441    | 20.223 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.640 | 2202698    | 20.222 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.420 | 1832388    | 20.294 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.158 | 1572465    | 19.775 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.905 | 1424920    | 20.271 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.840 | 1358578    | 19.692 ug/ml |
| -----                          |        |            |              |

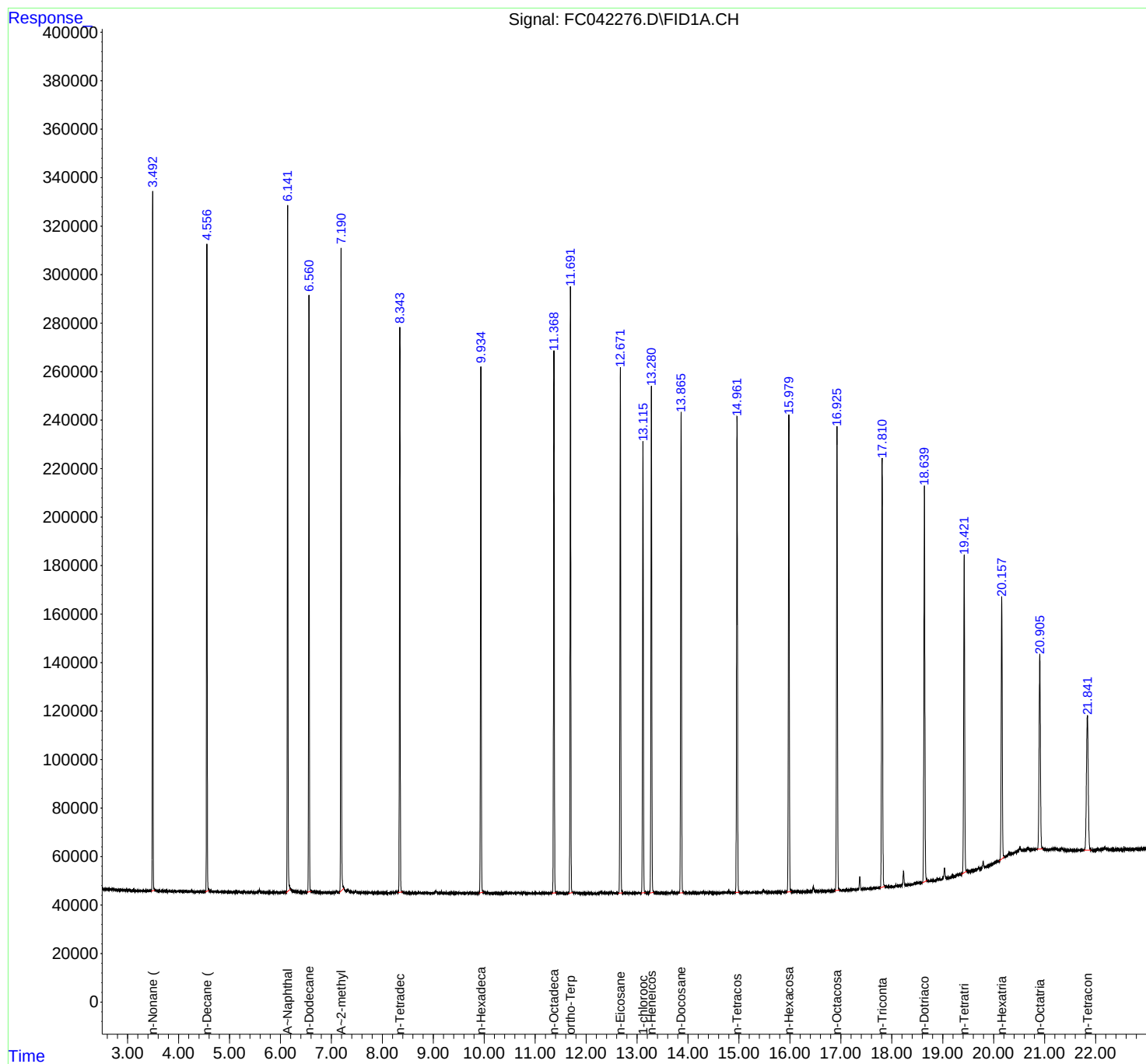
(f)=RT Delta > 1/2 Window

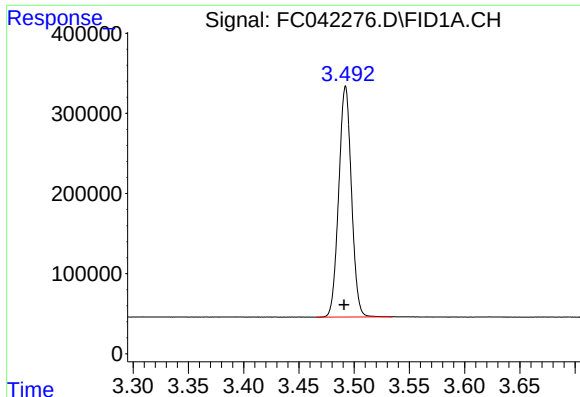
(m)=manual int.

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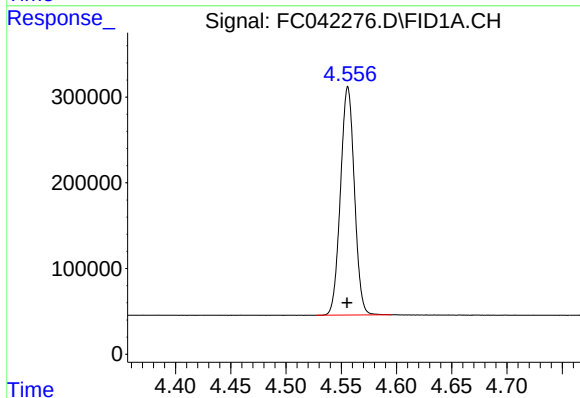
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





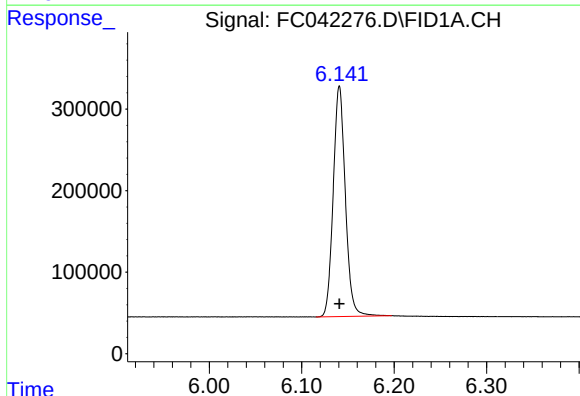
#1 n-Nonane (C9)

R.T.: 3.492 min  
Delta R.T.: 0.001 min  
Response: 2307465  
Conc: 20.28 ug/ml



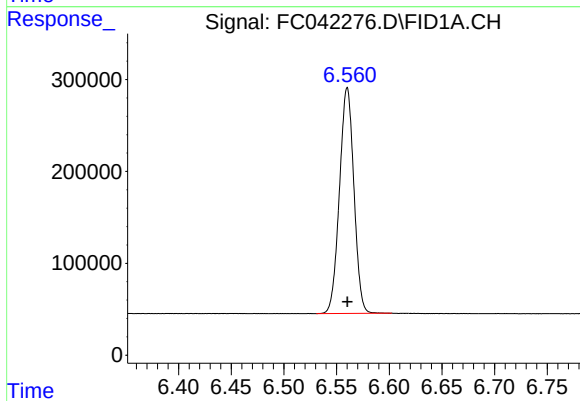
#2 n-Decane (C10)

R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 2338515  
Conc: 20.28 ug/ml



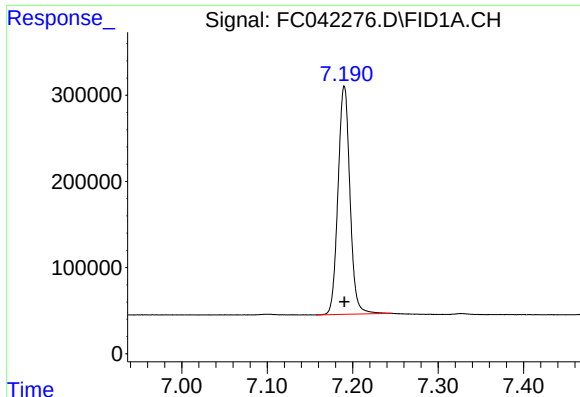
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 2582234  
Conc: 20.30 ug/ml



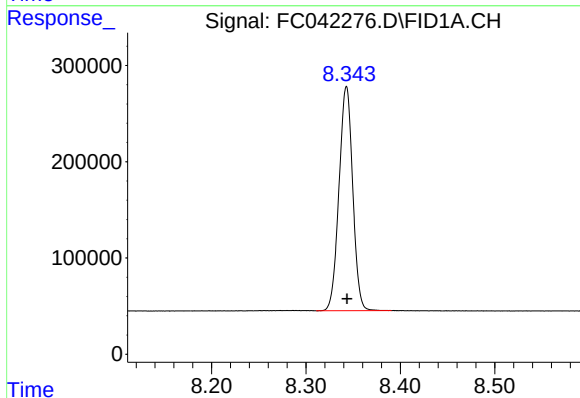
#4 n-Dodecane (C12)

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 2343587  
Conc: 20.29 ug/ml



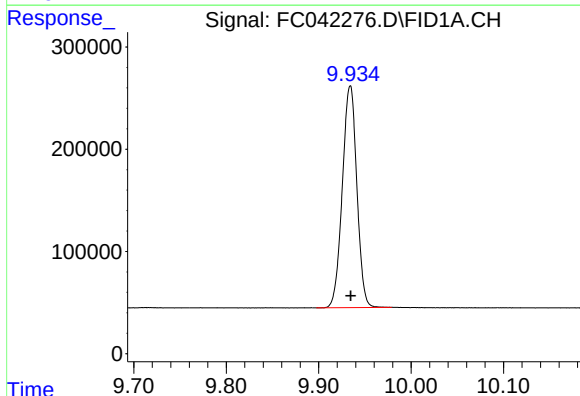
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 2571159  
Conc: 20.11 ug/ml



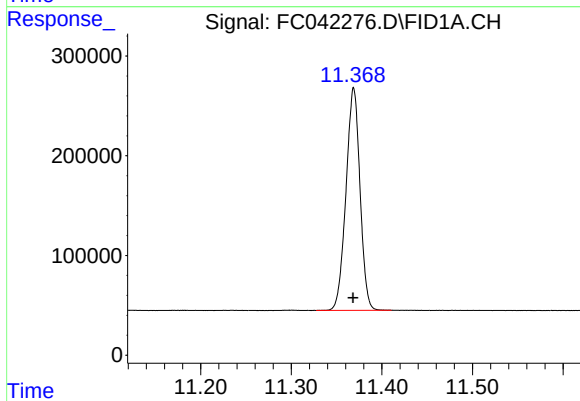
#6 n-Tetradecane (C14)

R.T.: 8.343 min  
Delta R.T.: 0.000 min  
Response: 2350964  
Conc: 20.27 ug/ml



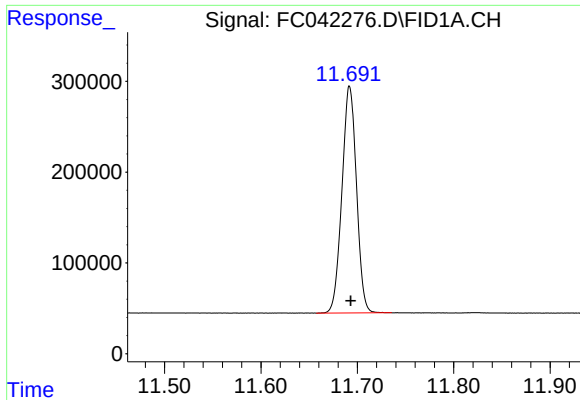
#7 n-Hexadecane (C16)

R.T.: 9.934 min  
Delta R.T.: 0.000 min  
Response: 2366673  
Conc: 20.23 ug/ml



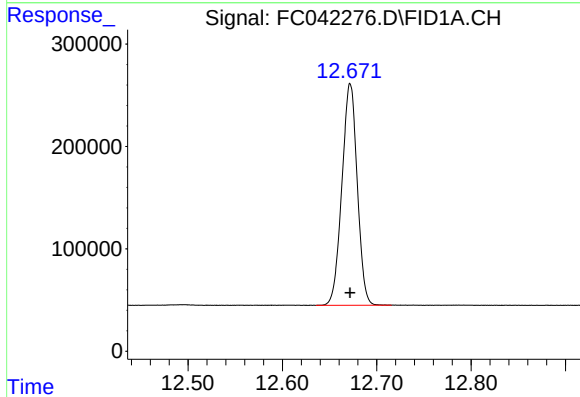
#8 n-Octadecane (C18)

R.T.: 11.369 min  
Delta R.T.: 0.000 min  
Response: 2400336  
Conc: 20.17 ug/ml



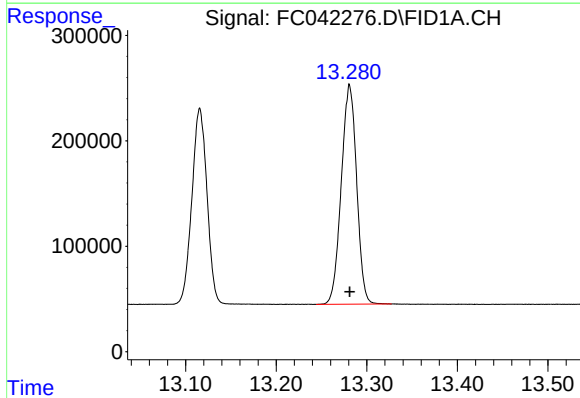
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min  
Delta R.T.: 0.000 min  
Response: 2606928  
Conc: 20.23 ug/ml



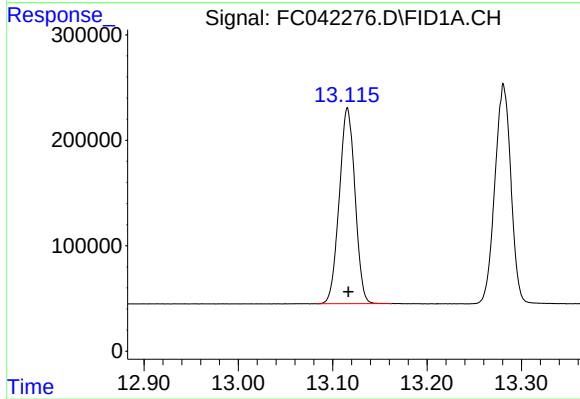
#10 n-Eicosane (C20)

R.T.: 12.672 min  
Delta R.T.: 0.000 min  
Response: 2445615  
Conc: 20.15 ug/ml



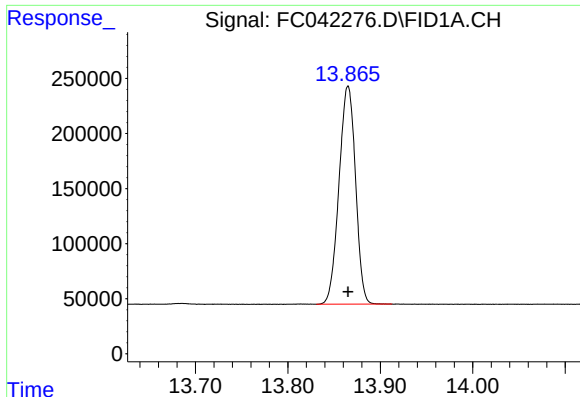
#11 n-Heneicosane (C21)

R.T.: 13.281 min  
Delta R.T.: 0.000 min  
Response: 2452262  
Conc: 20.12 ug/ml



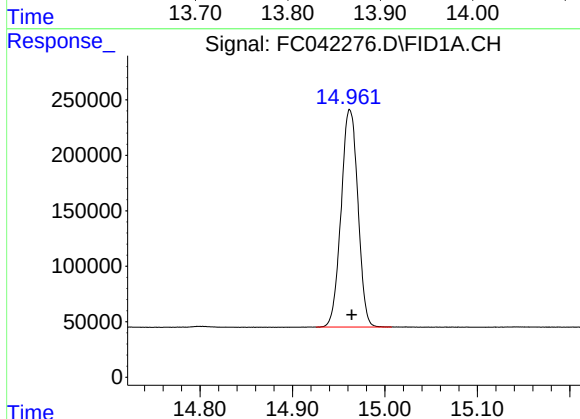
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min  
Delta R.T.: -0.001 min  
Response: 2154322  
Conc: 20.13 ug/ml



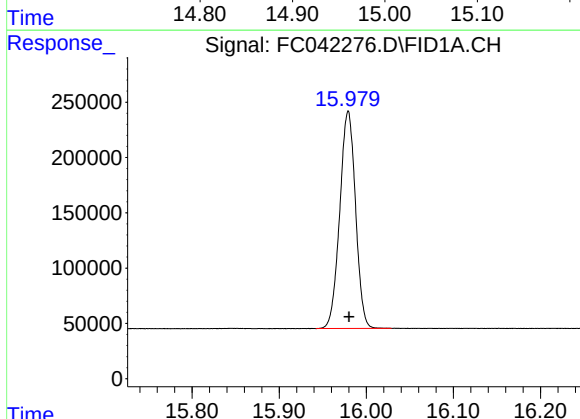
#13 n-Docosane (C22)

R.T.: 13.865 min  
Delta R.T.: 0.000 min  
Response: 2458554  
Conc: 20.13 ug/ml



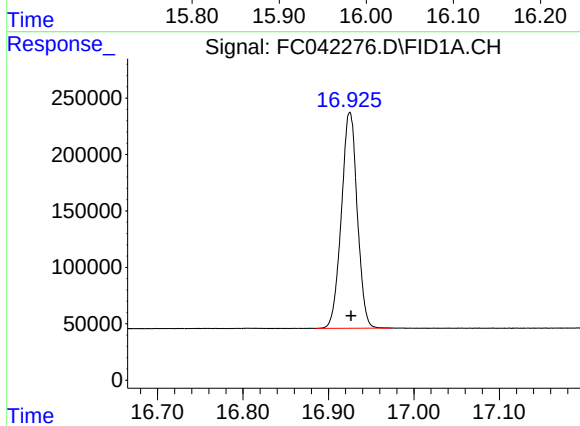
#14 n-Tetracosane (C24)

R.T.: 14.962 min  
Delta R.T.: -0.002 min  
Response: 2476588  
Conc: 20.07 ug/ml



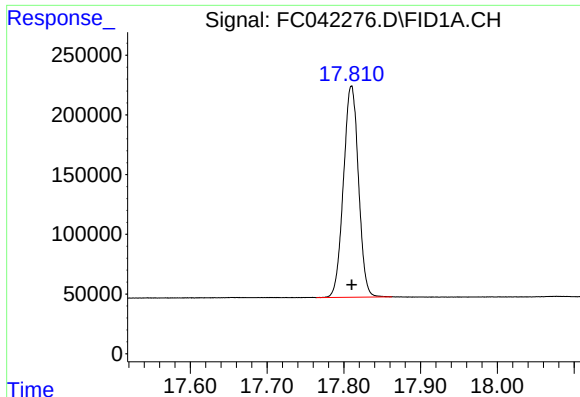
#15 n-Hexacosane (C26)

R.T.: 15.979 min  
Delta R.T.: 0.000 min  
Response: 2476968  
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.925 min  
Delta R.T.: -0.002 min  
Response: 2472913  
Conc: 20.16 ug/ml



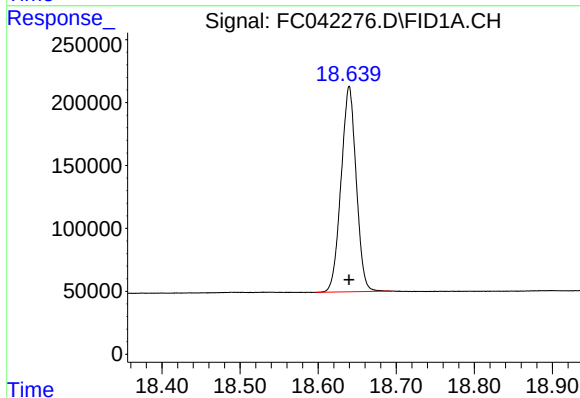
#17 n-Tricontane (C30)

R.T.: 17.810 min

Delta R.T.: 0.000 min

Response: 2407441

Conc: 20.22 ug/ml



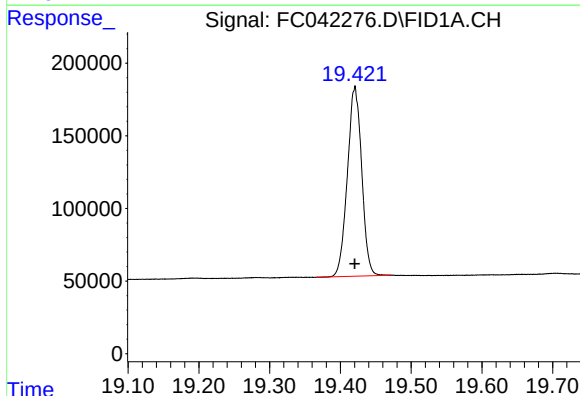
#18 n-Dotriacontane (C32)

R.T.: 18.640 min

Delta R.T.: 0.000 min

Response: 2202698

Conc: 20.22 ug/ml



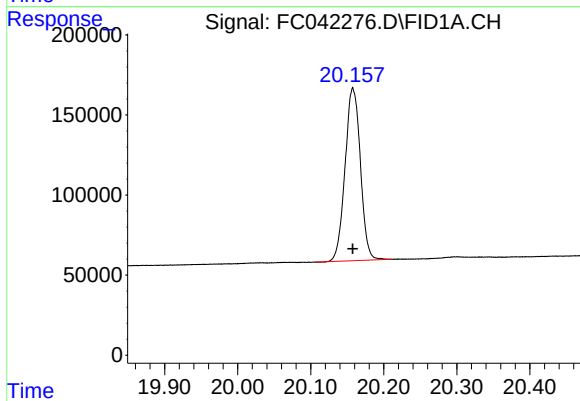
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min

Delta R.T.: 0.000 min

Response: 1832388

Conc: 20.29 ug/ml



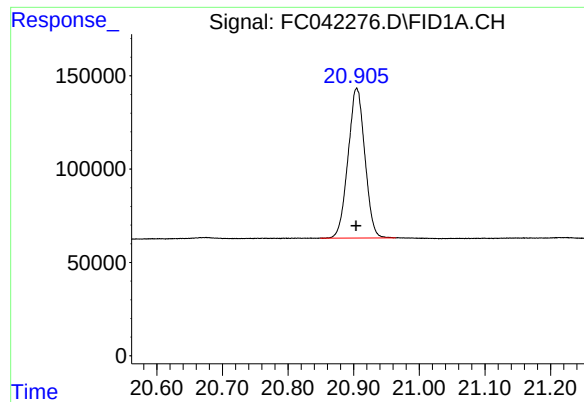
#20 n-Hexatriacontane (C36)

R.T.: 20.158 min

Delta R.T.: 0.000 min

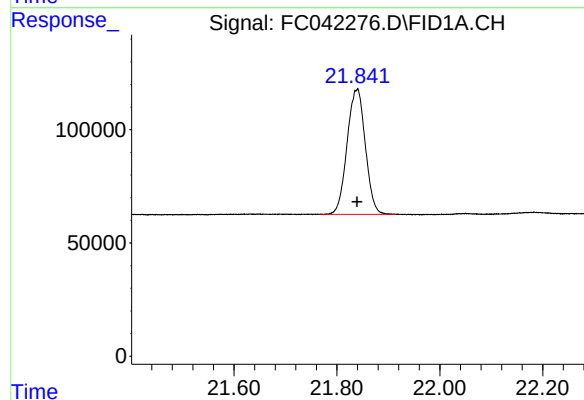
Response: 1572465

Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.905 min  
Delta R.T.: 0.000 min  
Response: 1424920  
Conc: 20.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.840 min  
Delta R.T.: 0.000 min  
Response: 1358578  
Conc: 19.69 ug/ml